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EXAMINER
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Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	10/613,059	SANGRONIZ, JAMES M.
	Examiner	Art Unit	
	Helene R. Rose	2163	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *20 April 2006*.

2a)☒ This action is **FINAL.**   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-26 and 30-33* is/are pending in the application.

4a) Of the above claim(s) *27-29* is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-26 and 30-33* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *02 July 2003* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All   b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

Detailed Description

1.   In response to communications filed on April 20, 2006, claims 8 and 10-13 have been

amended; Claims 1-3, 6-10, 13-16, 18-21, 23, 25-26 and 30-31 has been amended. Claims 32-33

have been added; Claims 27-29 have been cancelled. Therefore, claims 1-26 and 30 are

presently pending in this application.

2.   Applicant's arguments filed on April 20, 2006 have been fully considered have been fully

considered (MPEP 714.04; 37 CFR 1.111) but they are not persuasive.

Claim Objections

3.   In view of claims 9,14,19,23, and 25-26 being objected to because of the following

informalities regarding the following acronyms "XSL, or XSLT", the examiner withdraws all

pending claim objections regarding this objection.

4.   In view of claims 1-3, 11,and 15-31 being rejected under 35 U.S.C. 112, second

paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject

matter which applicant regards as the invention as it related to the limitation of "to achieve a user

product properties" rendering the claims indefinite because there was insufficient antecedent

basis in these claims. The examiner withdraws all pending claim objections regarding this

limitation.

Claim Rejections – U.S.C 103

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness

rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or
> described as set forth in section 102 of this title, if the differences between the subject
> matter sought to be patented and the prior art are such that the subject matter as a whole
> would have been obvious at the time the invention was made to a person having ordinary
> skill in the art to which said subject matter pertains. Patentability shall not be negatived
> by the manner in which the invention was made.

6.   Claims 1-26 and 30-32 are rejected under 35 U.S.C. 103(a) as being obvious over

Volkoff et al (US Publication No. 2002/0184240) in view of Yalcinalp (US Patent No. 6,507,857).

Claims 1 and 15:

        Regarding claims 1 and 15, Volkoff teaches a workflow management system for

managing workflow in a printing system (see Figure 1, all features, wherein the workflow of a job

ticket is illustrated and see page 2, paragraph [0023], wherein a workflow is routing a user

request, i.e. a job request, Volkoff), comprising:

        one or more **workflow processing** devices (Figure 1, all features, wherein the workflow

processing devices are illustrated in diagram 5, wherein in the email processor, printer processor,

and e-commerce processor is shown, Volkoff) configured to process a user request (page 5,

paragraph [0051], wherein processor may be configured as it responds to a request, Volkoff), the

one or more **workflow processing** devices communicatively coupled to a communications

medium (page 1, paragraph [0006], and [0009] Volkoff); and

        a workflow management device **located external of the one or more workflow**

processing devices (see Figure 4, diagram 70, wherein WFC is a workflow controller, Volkoff)

comprising:

        a communications interface (see Figure 2, diagram 30 and page 3, paragraph [0034],

wherein the front end service may be a Internet web browser, Volkoff) configured to receive the

user request (page 1, paragraph [0006], Volkoff), the interface further configured to communicate

with the one or more **workflow processing** devices (page 11, paragraph [0121], wherein the

processors known as the devices are external of the workflow controller, Volkoff);

        a storage device configured to store **predefined** rules data for processing the user

request (page 1, paragraph [009], wherein the database stores data through the job ticket

service, Volkoff), the user request comprising one or more user desired product properties (see

Figure 2, all features, wherein each node diagram represents job tickets for other services and

page 3, paragraph [0030], Volkoff); and

Volkoff discloses a processing circuitry wherein a transformed request is done, but is silent with respect to a main or central processor section configured to process the request using the **predefined rules data** and wherein the transformation is done **without communicating with one or more workflow processing devices**. On the other hand, Yalcinalp discloses a main or central processor section configured to process the request using the predefined rules data (processor section configured to process the request using the predefined rules data) and produce a transformed request **without communicating with the one or more workflow processing devices** (column 4, lines 56-57. wherein the application receives and provides XML documents to those clients – wherein the application server is equivalent to a computer server, wherein defined in the applicants specification and PG Publication, paragraph [0016], wherein if a user desires processing of a job request, then such a request may be directly received by the computer server 104 without a need for a communication medium, i.e. 103, for routing the user request – wherein an application server is equivalent to a computer server, an application server is defined to be a server computer in a computer network dedicated to running certain software applications and wherein a computer server is defined to be a computer or software providing services to remote client machines or applications, such as supplying page contents, i.e. texts or other resources, or returning query results, YALCINALP) the transformed request comprising information for automatically organizing workflow through the system **in accordance with** the one or more user-desired product properties (column 5, lines 61-64, wherein document contain input documents, i.e. those documents that contain the content of the document requested by the user, which the XLST processor will use in conjunction with the style sheet to generate a transform document; column 6, lines 36-42, wherein these commands may define display parameters and other aspects associated with the new document display on the client type for the user and column 7, lines 27-45). It would have been obvious to one of the ordinary skill in the art at the time of the invention to incorporate Yalcinalp teaching into Volkoff system for implementing a workflow management system. A skilled artisan would have been motivated to combine as suggested by Yakcinalp by providing the ability to define components in a particular style sheet in order to execute different methods outside a particular application.

so as, to produce a user-desired product (page 11, paragraph [0119], wherein the request defines a workflow to accomplish tasks specified in the job request and page 13, paragraph [0137], wherein a desired user file is presented, Volkoff).

Claim 2:

Regarding claim 2, the combination of Volkoff in view of Yalcinalp teaches wherein the transformed user request (page 2, paragraph [0027], wherein a transformed user request is done by a user modifying a job ticket, Volkoff) is received by a controller **external to the workflow management devices** (page 11, section [0121], wherein the outside entities, e.g. processors, may acquire sufficient information to bid on completion of the job ticket, Volkoff), **the controller**, configured to control the workflow **in accordance with** the one or more user-desired product properties (page 6, paragraph [0059], wherein the workflow controller, other components in the network may be used to develop and overall workflow to completer the job request, Volkoff).

Claim 3:

Regarding claim 3, the combination of Volkoff in view of Yalcinalp teaches wherein the transformed request comprises additional information to process the user request (pages 7- 8, paragraph [00080], wherein additional information to process a user request land line phones, facsimile machines, contacts in the contact database use mobile phones, and email addresses, Volkoff) accordance with specifications of the user (page 8, paragraph [0081], wherein the specification are made by a user such as searching the database for phone, Volkoff), and the additional information comprises information to route and process the **workflow in accordance with the** one or more user-desired product properties (page 8, paragraph [0083], wherein delivery options are specified by a user to a destination address and process the desired delivery options, Volkoff), and information to prioritize processing of the **workflow in accordance with the** one or more user-desired product properties (page 10, paragraph [0110], wherein the workflow controller can determine which of the processors should complete a specific process, and if necessary, the order in which such processes should be completed, Volkoff).

Claims 4,12,17, and 22:

Regarding claims 4, 12, 17, and 22, the combination of Volkoff in view of Yalcinalp teaches wherein the user request is received in a job definition format (page 3, paragraph [0034], wherein a user request is described in a job request wherein the format is a job definition format, Volkoff).

Claims 5 and 24:

Regarding claims 5 and 24, the combination of Volkoff in view of Yalcinalp teaches wherein the interface is configured to receive the user request via the Internet (page 3, paragraph [0034], wherein the digital imaging work (DIW), includes a front end service that allows a client to generate and submit a service or job request and the embodiment of the front end service may be an Internet web browser, Volkoff).

Claims 6,13, and 18:

Regarding claims 6, 13, and 18, the combination of Volkoff in view of Yalcinalp teaches wherein the **predefined** data comprises instructions written in Extensible Style sheet Language (column 6, lines 55-57, Yalcinalp).

Claims 7 and 25:

Regarding claims 7 and 25, Volkoff in combination of Yalcinalp teaches wherein the processing circuitry is an **extensible stylesheet language transformation** (XSLT) processor (see Figure 1, diagram 110, Yalcinalp).

Claims 8,14, and 19:

Regarding claims 8,14, and 19, Volkoff in combination of Yalcinalp teaches wherein the processing circuitry applies **an extensible language (XSL)** XSL transformation to the user request to produce the transformed user request (column 5, lines 61-64, Yalcinalp).

Claim 9:

Regarding claim 9, Volkoff in combination of Yalcinalp teaches, wherein the **predefined rules** data is stored in a **least one** style sheet within the storage device (see Figure 2, diagram 215, wherein Style sheet and external component processing is implemented into the XSLT Processor and see Figure 1, diagram 110, wherein the XSLT Processor is stored within the

memory and wherein memory, diagram 102 is also stored within the secondary storage device, diagram 112, Yalcinalp), and **each** style sheet comprises instructions written in an XSL format (column 2, lines 6-13 and column 6, lines 55-57, Yalcinalp).

Claim 10:

Regarding claim 10, the combination of Volkoff in view of Yalcinalp teaches a workflow processing device (page 2, paragraph [0024], Volkoff) comprising:

a style sheet **prestored in the device, the stylesheet** having predefined rules for processing a user request **received from external to the workflow processing device** (page 2, paragraph [0028], wherein the inside pages are produced in brochure, the brochure may use digital content to generate plates for printing the brochure, Volkoff[1]); and

processing circuitry configured (page 10, paragraph [0139], wherein integrated circuit having a main or central processor section, Volkoff) to receive the user request (page 3, paragraph [0032], wherein the service center may include components that receive information in the form of job request, Volfoff), load the defined rules (page 5, paragraph [0050], wherein the workflow controller may use agents to load capabilities of the processors, and time constrains in the job request, Volkoff), and execute the defined rules (page 6, paragraph [0062], wherein the performance requirements are the executed **pre**defined rules and Volkoff) to create a transformed request (see Figure 9, diagram 135 and page 11, paragraph [0117], wherein the completion of each node in the node tree the processor may provide input to the job ticket service to allow modification of the job ticket, Volkoff), and wherein the transformed request, comprises instructions to automatically organize workflow to efficiently process the user request (page 11, paragraph [0119], wherein the request defines a workflow to accomplish tasks specified in the job request and page 13, paragraph [0137], wherein a desired user file is presented, Volkoff).

Claim 11:

Regarding claim 11, Volkoff in combination of Yalcinalp teaches wherein the user request comprises one or more user-desired product properties (column 2, lines 27-28, wherein tags are

associated with user input document, Yalcinap), and wherein the transformed request comprises

information to process the user request (column 2, lines 32-35, wherein results are associated

with the external component, Yalcinalp).

Claim 16:

Regarding claim 16, Volkoff in combination of Yalcinalp teaches a system further

comprising:

a controller **external to the workflow management device and the one or more**

workflow processing devices, the controller configured (see Figure 2, diagram 205, wherein

its configured to handled the all features within the diagram, Yalcinalp) to receive the transformed

request (column 6, lines 43-46, Yalcinalp) and **route the transformed request among the one**

or more workflow processing devices for processing in accordance with the one or more

user-desired product properties using information from the transformed request (page 1, section

[0005], wherein the job ticket may be an object such as an XML object comprising routines and

data and page 11, section [0119], wherein routine 105 for developing a workflow and assigning

processors to the workflow is illustrated in Figure 10, all features, Volkoff).

Claims 20 and 30:

Regarding claims 20 and 30, the combination of Volkoff in view of Yalcinalp teaches a

workflow assignment system (page 3, paragraph [0032], wherein service center may select one

or more processors to assign to the ob ticket based on the client supplied criteria, Volkoff),

comprising:

means for receiving a user request **at a server** (page 3, paragraph [0032], wherein a

service center receive information in the form of job request and [0033], wherein the service

center may include hardware component such as servers, computers, central processing units,

communication interfaces, and memory devices to provide the processing capability and data

storage required to carry out the above described functions, Volkoff), the request having one or

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[1] The Examiner defines the term "style sheet" to be a list of page format specifications, including layout
specifications, such as desktop publishing, wherein a style sheet can be stored, retrieved, and applied
to the page displayed on the screen.

more user-desired product properties (page 3, paragraph [0031], wherein the variety of e services

such as e-printing, online shopping, and e-commerce are the user desired properties, Volkoff);

means for **providing in the server** a **pre-stored** style sheet having **pre**defined rules for

processing the user request (page 2, paragraph [0028], wherein the inside pages are produced in

brochure, the brochure may use digital content to generate plates for printing the brochure,

wherein the brochure has predefined rules for generating plates for printing, and wherein the

stylesheet is equivalent to inside pages, wherein a stylesheet is defined to be a set of rules, i.e.

called patterns, modifying the default appearance of trees in a view, in which described in [0028],

each node may modify consume or create resources, Volkoff);

means for loading the **pre**defined rules and the user request into a processing means **of**

the server (page 5, paragraph [0050], wherein the workflow controller may use agents to load

capabilities of the processors, and time constrains in the job request, wherein diagram 94,

represents the authentication server, Volkoff) **the circuitry** configured to process the user

request (page 5, paragraph [0050], wherein the workflow controller may use agents to load

capabilities of the processors, and time constrains in the job request and page 13, sections [0138]

and [0139], wherein client may input the name as the name of the search, wherein clicking on

save search, the search is provided from the client to the service center and wherein workflow

controller and the job ticket service may be implemented for a special purpose integrated circuit

and wherein the service center may also be implemented using a plurality of separate, dedicated,

or programmable integrated or other electrical circuits or devices, Volkoff); and

means for **without communicating with one or more workflow processing devices**,

executing the **pre**defined rules (**REFER** to claims 15 and 1, wherein the limitation "without

communicating with one or more workflow processing devices" has already been addressed and

see page 7, section [0078], wherein the email processor may access the contact list at predefined

intervals to send e-mail messages to select a group of email addresses, Volkoff) **on the server** to

create a transformed user request (**REFER** to claims 15 and 1, wherein these limitation has

already been addressed, YALCINALP), the transformed user request, comprising additional

information to organize workflow **among the one or more workflow processing devices in**

accordance with the one or more user-desired product properties (**REFER** to claims 15 and 1, wherein these limitation has already been addressed, YALCINALP) so as to produce a user-desired product (**REFER** to claims 15 and 1, wherein these limitation has already been addressed, YALCINALP).

Claim 21:

Regarding claim 21, Volkoff in combination of Yalcinalp teaches a method further comprising:

sending the transformed user request **to** a controller **communicatively coupled to the server** (see Figure 2, diagrams 200 and 205, wherein the controller is the XSLT processor, Yalcinalp); and

the controller controlling the **one or more** workflow **processing devices in accordance with** the one or more user-desired product properties using information from the transformed user request (column 2, lines 38-42, wherein the external component may include loading the external component into the XSTL processor and initiating the execution method, Yalcinalp).

Claim 23:

Regarding claim 23, Volkoff in combination of Yalcinalp teaches wherein the creating comprises **providing** the style sheet in **an extensible stylesheet language** (XSL), format having instructions written in Extensible Style sheet Language (column 6, lines 55-57, Yalcinalp).

Claim 25:

Regarding claim 25, Volkoff in combination of Yalcinalp teaches wherein the loading and the executing are performed by an **extensible stylesheet language transformation** (XSLT) processor (columns 2-3, lines 55-67, and lines 1-2, respectively, Yalcinalp).

Claim 26:

Regarding claim 26, Volkoff in combination of Yalcinalp teaches wherein the creating the transformed user request comprises applying the predefined rules (see Figure 2, diagram 205, all features, Yalcinalp) using **extensible stylesheet language** (XSL) transformation to the user request (see figure 2, diagram 205, wherein the XSLT is the XSL transformation which is the

acronym for extensible Style Language Transformation, Yalcinlap), and the transformed user

request comprises a definition of workflow tasks to be performed (column 2, lines 50-55,

Yalcinalp), **and** settings and properties for the workflow tasks (column 4, lines 63-65, wherein the

transformation engine consist of an Application Program Interface wherein its sets routines and

tools for communicating with software applications, Yalcinalp), **configured** to produce a user-

desired product **in accordance with the one or more user-desired product properties**

(column 2, line 27, wherein tags are associated with the input document and column 2, lines 45-

46, wherein the one tag represents and external component, Yalcinalp);

generating a document with the one or more user-desired product properties; defining a

set of rules (column 7, line 35, wherein parameters is equivalent to rules, Yalcinalp) using which

the document is processed (column 7, lines 27-35m wherein the processing the tags contained

within the style sheet to generate the transformed document, Yalcinalp; and

processing the document using the defined set of rules to create a modified document

(column 7, lines 37-42, Yalcinalp), the modified document having instructions to organize

workflow (column 7, lines 46-56, Yalcinalp) to perform the one or more user-desired product

properties to produce a user-desired product (column 7, lines 55-58, wherein the results of tag

processing includes external components and the new document is transmitted to the user,

Yalcinalp).

Claim 31:

Regarding claim 31, the combination of Volkoff in view of Yalcinalp teaches an article of

manufacture (see Figure2, all features, Volkoff) comprising:

processor-usable media embodying programming configured to cause a processing

circuitry of a workflow management device (page 13, paragraph [0139], Volkoff) to:

receive a user request, the request having one or more user-desired product properties

(see Figure 2, all features, wherein each node diagram represents job tickets for other services

and page 3, paragraph [0030], Volkoff);

provide a **prestored** style sheet having **pre**defined rules for processing the user request

(**REFER** to claims 15 and 1, wherein the limitation of "the user request using the predefined rule

data to produce a transformed user request, YALCINALP);

load the **pre**defined rules and the user request into **the** processing circuitry **the circuitry**

configured to process the user request (page 5, paragraph [0050], wherein the workflow controller

may use agents to load capabilities of the processors, and time constrains in the job request, and

page 7, section [0078], wherein the email processor may access the contact list as at

predetermined intervals to send email messages to select group email addresses, Volkoff); and

without communicating with one or more workflow processing devices, execute the

predefined rules to create a transformed user request (**REFER** to claims 15 and 1, wherein the

limitation of "the user request using the predefined rule data to produce a transformed user

request, YALCINALP), the transformed user request, comprising additional information to

organize workflow **among the one or more workflow processing devices in accordance with**

the one or more user-desired product properties **REFER** to claims 15 and 1, wherein the

limitation of "the user request using the predefined rule data to produce a transformed user

request, YALCINALP) **so as** to produce a user-desired product (**REFER** to claims 15 and 1,

wherein the limitation of "the user request using the predefined rule data to produce a

transformed user request, YALCINALP).

Claim 32:

Regarding claim 32, the combination of Volkoff in view of Yalcinalp teaches wherein each

stylesheet corresponds to a different subset of the product properties (Figure 2, all features,

wherein the style sheet corresponds with the XSLT processor components, Yalcinalp).

Claim 33:

Regarding claim 33, the combination of Volkoff in view of Yalcinalp teaches wherein the

transformed user request generated by a first one the stylesheets has a different workflow than

the transformed user request generated by a second one of the stylesheets (Figure 2, diagram

200, wherein document request and transformed document is generated through the components

contained in the XSLT processor which includes validation, XML parser, stylesheet and external

component processing and XML document builder, Yalcinalp).

Examiner Responses

7.   Applicant argues/states the prior art (Volkoff et al. reference) fails to teach, " *it can be*

seen that the transformed user request of the Volkoff reference (i.e. the job ticket as ultimately

modified) is produced in conjunction with communicating with the one or more workflow

processing devices, not without communicating with the one or more workflow processing

devices as recited in claim 1, cited within the Applicant's Remarks on page 11)."

Examiner States: Applicant argues the amended claim limitation. In response to

applicant's argument that the references fail to show certain features of applicant's invention, it is

noted that the features upon which applicant relies (i.e., *it can be seen that the transformed user*

request of the Volkoff et al. reference (i.e. the job ticket as ultimately modified) is produced in

conjunction with communicating with the one or more workflow processing devices, not without

communicating with the one or more workflow processing devices) are not recited in the rejected

claim(s). Although the claims are interpreted in light of the specification, limitations from the

specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26

USPQ2d 1057 (Fed. Cir. 1993).

However, YALCINALP discloses the limitation "without communicating with the one or

more workflow processing devices". REFER to column 4, lines 56-57, wherein the application

receives and provides XML documents to those clients – wherein the application server is

equivalent to a computer server, wherein defined in the applicants specification and PG

Publication, paragraph [0016], wherein if a user desires processing of a job request, then such a

request may be directly received by the computer server 104 without a need for a communication

medium, i.e. 103, for routing the user request – wherein an application server is equivalent to a

computer server, an application server is defined to be a server computer in a computer network

dedicated to running certain software applications and wherein a computer server is defined to be

a computer or software providing services to remote client machines or applications, such as

supplying page contents, i.e. texts or other resources, or returning query results, YALCINALP),

and wherein the limitation "the transformed request comprising information for automatically

organizing workflow through the system **in accordance with** the one or more user-desired

product properties" is also defined in claim 1, **REFER** to column 5, lines 61-64, wherein document

contain input documents, i.e. those documents that contain the content of the document

requested by the user, which the XLST processor will use in conjunction with the style sheet to

generate a transform document; column 6, lines 36-42, wherein these commands may define

display parameters and other aspects associated with the new document display on the client

type for the user and column 7, lines 27-45, YALCINALP).

8.   Applicant argues/states the prior art (Volkoff et al. reference) fails to teach, "*Conversely,*

as recited in claim 10, the stylesheet is not part of the user request or created by the workflow

processing device, but rather is pre-stored in the workflow processing device and in addition, the

Volkoff reference does not disclose predefined rules for processing the user request in the

stylesheet. In the Volkoff reference, the nodes, input and output resources of the node tree 10 of

the Volkoff reference are created or designated by the work flow controller 70 or another

component of the service center 40 during processing of the user request, wherein the novel

*features of the present invention **are not anticipated** by the Volkoff reference in that the essential*

element of a stylesheet pre-stored in the workflow processing device, the stylesheet having

predefined rules for processing a user request received from external to the workflow processing

device, is absent from the Volkoff et al. reference, cited within the Applicant's Remarks on page

13)."

        Examiner States: Applicant argues the amended claim limitation. In response to

applicant's argument that the references fail to show certain features of applicant's invention, it is

noted that the features upon which applicant relies (i.e., *it can be seen that the transformed user request of the Volkoff et al. reference (i.e. essential element of a stylesheet pre-stored in the workflow processing device, the stylesheet having predefined rules for processing a user request received from external to the workflow processing device)* are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

However, **REFER** to page 2, paragraph [0028], wherein the inside pages are produced in brochure, the brochure may use digital content to generate plates for printing the brochure, Volkoff[2]; page 2, paragraph [0028], wherein the inside pages are produced in brochure, the brochure may use digital content to generate plates for printing the brochure, wherein the brochure has predefined rules for generating plates for printing, and wherein the stylesheet is equivalent to inside pages, wherein a stylesheet is defined to be a set of rules, i.e. called patterns, modifying the default appearance of trees in a view, in which described in [0028], each node may modify consume or create resources, Volkoff as well as column 5, lines 26-36, wherein the style sheets and component processing module, i.e. diagram 215 are used to generate a transformed document for the user in response to the document request, wherein the transformed document will incorporate the results of commands given within the stylesheet, e.g. tags, and will also incorporate the results of any methods executed by an external component instance, an XML Parser, i.e. diagram 235, may be used to parse the input documents and stylesheets, and the XML document builder, diagram 240 may be used to build a memory representation of the parsed documents or transformed documents, YALCINALP), wherein the steps of "produce a transformed request **without communicating with the one or more workflow processing devices**", **REFER** to column 4, lines 56-57, wherein the application receives and provides XML documents to those clients – wherein the application server is equivalent to a computer server, wherein defined in the applicants specification and PG Publication, paragraph [0016], wherein if a

user desires processing of a job request, then such a request may be directly received by the computer server 104 without a need for a communication medium, i.e. 103, for routing the user request – wherein an application server is equivalent to a computer server, an application server is defined to be a server computer in a computer network dedicated to running certain software applications and wherein a computer server is defined to be a computer or software providing services to remote client machines or applications, such as supplying page contents, i.e. texts or other resources, or returning query results, YALCINALP),

Conclusion

9.   Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Prior Art of Record

(The prior art made of record and not relied upon is considered pertinent to applicant's disclosure)

1. Volkoff et al (US Publication No. 2202/0184240) discloses a job ticket service allows clients to define databases, and to store data though the job ticket service.

2. Yalcinalp (US Patent No. 6,507,857) discloses systems and methods using a Namespace paradigm to define an external component reference to a style sheet, wherein the style sheet processor processes the tags in a style sheet, it recognizes the external component declaration. The style sheet will contain a name of the external component instance and a definition of the method to execute associated with the external component instance.

Point of Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Helene R. Rose whose telephone number is (571) 272-0749. The examiner can normally be reached on 8:00am - 4:30pm Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on (571) 272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Helene R Rose
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June 15, 2006

DON WONG
SUPERVISORY PATENT EXAMINER